

NCPV Hotline — Week of March 19-23, 2007

Weekly News Items

Some of the following news items are available as Adobe Acrobat PDFs. [Download Adobe Reader](#).

The National Center for Photovoltaics (NCPV), the National Renewable Energy Laboratory's (NREL's) center for PV research maintains an international communications system called the NCPV Hotline. The Hotline increases knowledge and awareness of PV industry and research happenings. Hotline participants receive important news items via email related to PV activities around the world. The contents have been relatively uncensored, because we depend on the good judgment of the contributors to separate fact from rumor.

(Links may expire)

Current and archived NCPV Hotline issues <link to http://www.nrel.gov/pv/news_hotline.html>

Disclaimer <link to http://www.nrel.gov/pv/hotline/news_hotline_disclaimer.html>

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3-19-07 World PV Market

World PV market installations reached a record high of 1,744 MW in 2006 representing growth of 19% over the previous year, according to the annual PV market report issued by Solarbuzz LLC. World solar cell production reached a consolidated figure of 2,204 MW in 2006. Polysilicon production rose 16%. The 250-page report includes three forecast scenarios. See more in the press at Solarbuzz:

<http://www.solarbuzz.com/news/NewsNACO542.htm>

Marketbuzz™: <http://www.solarbuzz.com/Marketbuzz2007-intro.htm> or <http://tinyurl.com/3djfji>

3-19-07 Sunstroom and Collaborators PV System in Spain

Sunstroom, a solar park development company, with its partner Austrian Enviro Technologies, is building a PV system in Los Arcos in the Spanish region of Navarra. The project will be built in cooperation with technology partner Energetica Energietechnik. Phase one will be a 1.1 MW capacity system, planned to go on line before the end of the year, with the ultimate capacity of the park reaching 7.7 MW. Story at Solarbuzz:

<http://www.solarbuzz.com/news/NewsEUPR333.htm>

Sunstroom: <http://www.sunstroom.com/>

Austrian Enviro Technologies: <http://www.austrian-enviro.com/>

Energetica: <http://www.energetica-pv.com/>

3-19-07 ErSol Solar Module Order

A module supply contract for approximately 10 MWp has been signed by aimex-solar GmbH, a member of the ersol Group. The customer is a project team led by Solventus Industrial S.L. in cooperation with Copisa Constructora Pirenaica, S.A., financed by the Banco Santander. Story at Solarbuzz:

<http://www.solarbuzz.com/news/NewsEUCO381.htm>

ErSol: <http://www.ersol.de/>

3-19-07 Romag Module Supply

Per this press, Romag Holdings PLC said it has signed agreements with a Spanish customer for a 5-year supply of PowerGlaz PV modules. Press at:

<http://www.iii.co.uk/news/?type=afxnews&articleid=6023785&action=article> or <http://tinyurl.com/36tnyq>

Romag: <http://www.romag.co.uk/>

3-19-07 GE Solar Energy Research

The General Electric Company announced it is accelerating its solar energy research program with the help of an \$8.1 million grant from the U.S. DOE as part of President Bush's Solar America Initiative. Story at RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/news/story?id=47790>

Related press, "GE gets \$8.1M grant for solar energy research":

<http://washington.bizjournals.com/albany/stories/2007/03/12/daily42.html> or <http://tinyurl.com/2eqsd5>

GE: <http://www.gepower.com/home/index.htm>

Solar America Initiative: http://www.eere.energy.gov/solar/solar_america/

DOE press and fact sheets: <http://www.energy.gov/news/4879.htm>

3-19-07 Silicon Supply and Thin Films

See "Applied [Materials] Sees Glass Solar Cell Demand Outgrowing Silicon", at:
<http://www.planetark.org/dailynewsstory.cfm/newsid/40936/story.htm> or <http://tinyurl.com/2zunql>
Applied Materials: <http://www.appliedmaterials.com/>

See the story "First Solar's Panels Scrimp on Pricey Silicon, Helping to Cut Costs" at:
<http://biz.yahoo.com/ibd/070316/newamer.html?.v=1>
First Solar: <http://www.firstsolar.com/>

3-19-07 Silicon Valley Reacts to Global Warming

See the press "Global warming accelerating, Silicon Valley reacts" at:
<http://venturebeat.com/2007/03/16/roundup-twitter-brickhouse-march-madness-and-more/> or
<http://tinyurl.com/29rx7b>, with the reference to "The plea for more solar energy" by Conrad Burke,
President and CEO of Innovalight, at: <http://www.venturebeat.com/contributors/2007/03/16/the-plea-for-more-solar-energy/> or <http://tinyurl.com/2gx8cz>.
See also "Silicon Valley leaders: Political climate right for 'green tech', double funding for clean energy, they urge on D.C. trip" at: http://www.mercurynews.com/search/ci_5440875 and "Climate change tied to global crop losses", at: http://www.mercurynews.com/search/ci_5450171

3-19-07 SolarPlaza Interview with Mastervolt CEO

For an interview with Paul Kenninck, CEO of Mastervolt, at SolarPlaza, go to:
<http://www.solarplaza.com/content/pagina/SolarPlazaInterviews/44752> or <http://tinyurl.com/2utenm>
Mastervolt: <http://www.solarplaza.com/content/companydetail.php?id=124> or <http://tinyurl.com/35kou6>

3-19-07 Octillion President and CEO

Octillion Corp. announced the appointment of Mr. Harmel S. Rayat to the position of President and Chief Executive Officer. Press at:
<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7B540A0EF5%2DC000%2D46CC%2D9F7E%2D06F813D47EF2%7D&siteid=mktw&dist=nbk&symb> or <http://tinyurl.com/3278zz>
Octillion Corp.: <http://www.octillioncorp.com/>

3-19-07 BioSolar's Technical Team

BioSolar, Inc. announced that Michael D. Wyrsta has joined the company's technical team. As a technical consultant, Dr. Wyrsta will assist BioSolar with the development of its new bio-based substrate. Press at:
<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7BCF2B4A08%2DF09D%2D4B17%2D8B77%2D4DBC8CA43ED9%7D&siteid=mktw&dist=nbk&symb> or <http://tinyurl.com/2kzhr4>
BioSolar: <http://www.biosolar.com/>

3-19-07 Nanostructured Solar Cells

Gabriela Stoleru, University of Delaware professor of materials science and engineering, received a grant from the DOE to research nanostructured solar cells. Stoleru and collaborators were invited to submit a full application for the grant in 2005 and were notified about the award in December. See the press at the University of Delaware: <http://www.udel.edu/PR/UDaily/2007/mar/solar031607.html>

3-19-07 ENF Brand Awards

For information on ENF's brand survey of installation companies in 45 countries, for solar panels, solar inverters, solar mounting systems, solar trackers, and solar systems, along with other key findings, see ENF.cn at: <http://www.enf.cn/news/070319/1632.html>
<http://www.enf.cn/magazine/issue9/brand.html>
Other press: http://www.aer-online.com/e107_plugins/content/content.php?content.362 or
<http://tinyurl.com/223av8>

3-19-07 San Diego Gas & Electric Renewables

With the recent approval from the California Public Utilities Commission of four renewable energy contracts, San Diego Gas & Electric made another significant step towards its goal of fulfilling 20% of its customers' energy needs from environmentally friendly renewable sources by 2010. Press at: <http://www.marketwatch.com/News/Story/Story.aspx?guid=%7B6A6EA3FF%2D087D%2D4567%2DAB82%2D96136F009E00%7D&siteid=mktw&dist=nbk&symb> or <http://tinyurl.com/2ve3x6>

SDG&E: <http://www.sdge.com/index.shtml>

http://www.sdge.com/regulatory/renewables_info.shtml

See also SDG&E RFO at: <http://www.sdge.com/renewablerfo2007/>

3-19-07 More on Southern California Edison RFO

For more on Southern California Edison's 2007 open competitive solicitation for additional renewable power contracts, see RenewableEnergyAccess at:

<http://www.renewableenergyaccess.com/rea/news/story?id=47789>

RFO information: <http://www.sce.com/AboutSCE/Regulatory/qualifyingfacilities/RFP2007.htm> or <http://tinyurl.com/2mcm5p>

3-19-07 Renewables in New Jersey

See the story "N.J. small businesses are providing renewable energy" at:

<http://www.northjersey.com/page.php?qstr=eXJpcnk3ZjczN2Y3dnFIZUVFeXk1JmZnYmVsN2Y3dnFIZUVFeXk3MDk0MzYzJnlyaXJ5N2Y3MTdmN3ZxZWVFRXI5Mg=> or <http://tinyurl.com/2w7a32>

3-19-07 Solar Power, Michigan

According to this press, solar power is one of the world's top candidates to replace the old guard in energy production – and Thomas Township's Hemlock Semiconductor Corp. provides the world's largest supply of polycrystalline silicon. See the story "Solar suspense" at:

<http://www.mlive.com/news/saginawnews/index.ssf?/base/news-22/1174213252160390.xml&coll=9> or <http://tinyurl.com/2cnzzf>

3-19-07 Solar-Hydrogen Home

See "His energy bill is \$0.00" featuring a solar-hydrogen house in New Jersey, at:

http://news.yahoo.com/s/csm/20070315/ts_csm/chydro;_ylt=AlqXJ6egKSJB0lw.bstsjLMPLBIF or <http://tinyurl.com/2d8qbs>

3-19-07 Future House at Olympics

Construction of the "Future House USA" began in Beijing, China at the official construction opening ceremony. Florida International University is the only American university invited to take part in the "Future House Community Project", which will be located near the site of the 2008 Olympic Summer Games. The Ministry of Construction of the People's Republic of China invited FIU to participate after its team won first place in Energy Balance at the 2005 National Solar Decathlon in Washington, D.C. Story at:

<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7BBBEBF85D%2DDC77%2D4DCB%2DAF86%2DC0FF7181CB09%7D&siteid=mktw&dist=nbk&symb> or <http://tinyurl.com/2rzayu>

Solar Decathlon: http://www.eere.energy.gov/solar_decathlon/

Florida International University: <http://www.eng.fiu.edu/cec/>

3-19-07 Masdar Initiative, UAE

Last year, the United Arab Emirates launched the Masdar Initiative to help develop and commercialize renewable-energy technologies. See more on this initiative in the story "Abu Dhabi Explores Energy Alternatives" at the New York Times:

http://www.nytimes.com/2007/03/18/world/middleeast/18abudhabi.html?pagewanted=1&_r=2 or <http://tinyurl.com/2jjkm6>

Masdar Initiative: http://www.mubadala.ae/en/content/masdar_initiative.asp

3-19-07 Solar in the Limelight

See "Solar Getting Limelight" at: <http://www.energycentral.com/site/newsletters/ebi.cfm?id=295> or http://www.energycentral.com/centers/energybiz/ebi_detail.cfm?id=295 or <http://tinyurl.com/2dawhe>

3-19-07 Principia Roofing Study

A new market study by Principia Partners will provide clarity and crucial insights on the residential and commercial markets for roof coverings in North America, as well as distinguish between new roofing and re-roofing applications. There is a steady stream of new roofing products including architectural asphalt shingles, a wide range of polymer composite slate, and shake and tile products – as well as building-integrated PV roofing panels, which benefit from California's solar power initiative. For more on the study, see:

<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7BB5735A91%2DBC4A%2D40CE%2D9D60%2DAA6BFF1816A2%7D&siteid=mktw&dist=nbk&symb> or <http://tinyurl.com/2ppavr>

Principia Consulting: <http://www.principiaconsulting.com/>

Related information:

<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7B73F1BBC0%2DED68%2D4C1B%2DAB75%2D2F03EAD5B8B0%7D&siteid=mktw&dist=nbk&symb> or <http://tinyurl.com/2o52h6>

3-19-07 U.S. Department of Energy FY 2007 Spend Plan

For the DOE press release, and link to budget detail, on the recently released spending plan for FY 2007, see: <http://www.energy.gov/news/4884.htm>

FY 2007 Plan: <http://www.energy.gov/media/FY2007OperatingPlanForDOE.pdf>

RenewableEnergyAccess press: <http://www.renewableenergyaccess.com/rea/news/story?id=47793>

UPI Press: <http://www.upi.com/Energy/view.php?StoryID=20070316-031615-5970r> or

<http://tinyurl.com/2wt68b>

3-19-07 California Solar Initiative Program Forum

For information on the first California Solar Initiative Program Forum to be held April 2, 2007 in San Francisco, visit: http://www.gosolarcalifornia.ca.gov/calendar/2007-04-02_CSI_FORUM_AGENDA.PDF or <http://tinyurl.com/yqxn6w>

3-19-07 More on Greentech Webinar

For more on Inside Greentech's webinar", Silicon, thin film and concentration – the future of solar", with respect to NuEdison's participation, see the press at: <http://www.nuedison.com/news/index.htm>

Inside Greentech: <http://www.insidegreentech.com/node/525>

3-19-07 American Chemical Society / American Institute of Chemical Engineers Symposia

For information on the ACS/AIChE Rocky Mountain Region "Advances in Alternative Energy Technologies" session, Denver August 29-September 1, 2007, see: <http://www.uwyo.edu/rmr2007acs-aiche/>

3-19-07 Western Renewable Power Development Summit

For information on the Western Renewable Power Development Summit in San Francisco, May 7-9, 2007 visit: <http://quest.cvent.com/EVENTS/Info/Summary.aspx?i=f887b519-7535-49e8-a185-b6f64f5054ca> or <http://tinyurl.com/35od92>

3-19-07 Washington Energy Security Summit

For more information on The Washington Energy Security Summit, 11 April 2007 in Washington, DC. visit: <http://www.worldinvest.us/>

In related solar news...

3-19-07-Solar Tower Power Station Development

According to this press, moves to merge Solar Power Tower power station development interests into a wholly owned subsidiary of EnviroMission Limited is set to lift U.S. Solar Tower development prospects via a multi-national business development model proposed under the terms of the merger. Press at: <http://www.marketwatch.com/News/Story/Story.aspx?guid=%7B533B6151%2D0847%2D4DD2%2DA5BF%2D239A87FA55BA%7D&siteid=mktw&dist=nbk&symb> or <http://tinyurl.com/ysyfnk>
EnviroMission: <http://www.enviromission.com.au/>

3-20-07 Applied Materials Contract, Spain

Applied Materials, Inc. has been awarded a contract to provide T-Solar Global S.A. of Spain with Europe's first thin-film solar module production line using the ultra-large 5.7m² glass panels. Per the press, by scaling to these large-area substrates, the same size used in Generation 8.5 flat panel displays, this integrated line can drive down the cost of solar panel manufacturing while doubling rated factory output. More at Solarbuzz: <http://www.solarbuzz.com/News/NewsEUMA151.htm>
Applied Materials: <http://www.appliedmaterials.com/>

3-20-07 Canadian Solar BIPV System for Chinese Company

Canadian Solar Inc. announced that it won a contract to supply a building integrated PV solar glass roof system to China's Luoyang Polysilicon Company. The building will house the Research Department of Luoyang Polysilicon and the China National Silicon Materials Engineering Research Center. More at Solarbuzz: <http://www.solarbuzz.com/News/NewsASPR154.htm>
Canadian Solar: <http://www.csisolar.com/>

3-20-07 Pacific Power Management Solar Electric System, California

Pacific Power Management, LLC has completed the design and installation of a 266-kW solar electric system for Cemo Commercial in El Dorado Hills. Story and photo as Solarbuzz: <http://www.solarbuzz.com/News/NewsNAPR758.htm>
Pacific Power Management: <http://www.pacpower.biz/>

3-20-07 SPG Solar PV System for Water Agency, California

SPG Solar, Inc. announced the commissioning of a 500 kW commercial PV system for the Sonoma County Water Agency. Stories and photos at Solarbuzz: <http://www.solarbuzz.com/News/NewsNAPR757.htm> and RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/partner/story?id=47801> or <http://tinyurl.com/2pdz4q>
SPG Solar: <http://www.spgsolar.com/>

3-20-07 Mexicali Science Park

Silicon Border Development and ING Real Estate announced a joint venture to develop, construct, and operate the Mexicali Science Park. The Science Park will be designed to attract capital-intensive, leading-edge manufacturing operations for semiconductors, flat panel displays, solar panels, and biotechnology products. More at: <http://www.marketwatch.com/News/Story/Story.aspx?guid=%7B1611B0F8%2D9074%2D4E0B%2DBE28%2D897FC2CD4E98%7D&siteid=mktw&dist=nbk&synd=symb> or <http://tinyurl.com/2ap7j5>
Silicon Border: <http://www.siborder.com/>
ING Clarion: <http://www.ingclarion.com/ingclarion>

3-20-07 Solar Canopy

Kyocera Solar, Inc. and OneWorld Sustainable announced the completion of a 25.6 kW solar canopied walkway installation at the University of South Carolina's Blatt PE building. Story and photo at RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/partner/story;jsessionid=9C6FDBF8E831BD97F2F24CFD9C14CE8E?id=47805> or <http://tinyurl.com/36e9bp>
Kyocera Solar: <http://www.kyocerasolar.com/>
OneWorld Sustainable, Inc.: <http://www.oneworldsustainable.com/>

3-20-07 More on SOLA in NOLA

For a SOLA' in NOLA video, covering installation of 10 PV systems, donated by Sharp Solar, in New Orleans see RenewableEnergyAccess at: <http://www.renewableenergyaccess.com/rea/news/story;jsessionid=9C6FDBF8E831BD97F2F24CFD9C14CE8E?id=47816> or <http://tinyurl.com/2mzyk5>

3-20-07 Initiatives to Offset Emissions, Kansas City Power & Light

The Sierra Club, Kansas City Power & Light, and the Concerned Citizens of Platte County have agreed on a set of initiatives to offset carbon dioxide and reduce other emissions for the Kansas City-based utility. Under the agreement KCP&L agrees to pursue offsets for all of the global warming emissions

associated with its new plant through significant investments in energy efficiency and renewable energy, and cut pollution from its existing plants. See:

<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7B52491EE5%2D98B0%2D4F36%2D8DA3%2D25F8574F8AB3%7D&siteid=mktw&dist=nbk&symb> or <http://tinyurl.com/2lcr6x>

3-20-07 Dyesol Newsletter

Issue 1.2007 of Dyesol's Newsletter is available, leading off with an editorial and including information on the next DSC industrialization conference, new products, and other topics. Visit Dyesol at:

<http://www.dyesol.com/index.php?page=intro>

3-20-07 Solar Module Service

SolarPlaza launched a new service that helps business customers find the most competitive solar module offers, and assist them in ordering directly from the manufacturer. See the press at:

<http://www.solarplaza.com/content/pagina/SolarPlazaarticles/44751>

SolarPlaza: <http://www.solarplaza.com/>

3-20-07 Renewable Energy Finance Webinar

For information on the April 5 Webinar, "Renewable Energy Finance: Opportunities & Challenges" by PACE Global Energy Services, see: <http://guest.cvent.com/EVENTS/Info/Summary.aspx?i=61b429ac-80db-4fc2-81f4-3b7c402c0b52> or <http://tinyurl.com/3978mj>

3-20-07 Online Investor Conference

For information on the March 21 online conference, "Investing in the Environment: Global Warming, Global Warming – Investing Today for Tomorrow's Future", see the press at:

<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7B5CEAED9B%2DF9F9%2D4810%2D8287%2D7A23852D19DF%7D&siteid=mktw&dist=nbk&symb> or <http://tinyurl.com/2qnm32>

InvestorIdeas.com: <http://www.investorideas.com/>

3-20-07 Ceres, Investor Network on Climate Risk

See the story "Investors Managing \$4 Trillion Call on Congress to Tackle Global Climate Change", 19 March 2007 at Ceres: <http://www.ceres.org/news/>

3-20-07 Red Herring Award

Red Herring announced its official 100 European winners for the Red Herring 100 Europe 2007 award. The winners will be celebrated at the Red Herring Venture Market Europe event in Cannes, March 25-27 at the Intercontinental Carlton. Winners include Concentrix Solar, GmbH. Press at:

<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7BA3438F6C%2DB584%2D4ED9%2DB2EB%2D6BEC51F1E4C0%7D&siteid=mktw&dist=nbk&symb> or <http://tinyurl.com/yszo2r>

Concentrix Solar: <http://www.concentrixsolar.de/>

3-20-07 Inverter Market

The renewable energy-based DC/AC inverter market is experiencing a rise in demand resulting from increased global government incentives and subsidies for renewable energy sources. See more on analysis from Frost & Sullivan, World DC/AC Power Inverter Markets, at:

<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7BABA707C6%2D012A%2D4A05%2D985D%2D0FAB83B11A07%7D&siteid=mktw&dist=nbk&symb> or <http://tinyurl.com/2drezg>

Frost & Sullivan: <http://www.frost.com/prod/servlet/svcg.pag/EGPB>

3-20-07 Solar for Giants AT&T Park, California

The San Francisco Giants and PG&E are planning to install 590 solar panels around AT&T Park. See announcements at: http://www.bizjournals.com/eastbay/stories/2007/03/19/daily18.html?from_rss=1 or <http://tinyurl.com/2flz57>

<http://www.environmentalleader.com/2007/03/20/sf-giants-installing-solar-panels-at-att-park/> or

<http://tinyurl.com/28ojlq>

http://cbs5.com/local/local_story_079132606.html

3-20-07 Alternative Energy Portfolio, Pennsylvania

PECO took the first steps in fulfilling the Alternative Energy Portfolio Standards requirements enacted in 2004, through a petition filed with the Pennsylvania Public Utility Commission. Story at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/news/story.jsessionid=9C6FDBF8E831BD97F2F24CFD9C14CE8E?id=47812> or <http://tinyurl.com/38hj6f>

PECO / Exelon: <http://www.exeloncorp.com/>

3-20-07 Solar Flight

Bertrand Piccard won financial support from Germany's biggest bank to build a solar-powered aircraft that can fly around the globe. More on the story at:

<http://www.bloomberg.com/apps/news?pid=20601082&sid=akxXn50NekWg> or <http://tinyurl.com/3372av>

Solar Impulse: <http://www.solarimpulse.com/index.html>

In related solar news...

3-20-07 Nevada Solar One

For coverage of Nevada Solar One, installed in the Nevada desert in the Eldorado Valley, see

RenewableEnergyAccess at:

<http://www.renewableenergyaccess.com/rea/news/story.jsessionid=9C6FDBF8E831BD97F2F24CFD9C14CE8E?id=47803> or <http://tinyurl.com/2c2fqj>

Solargenix: <http://www.renewableenergyaccess.com/rea/partner?cid=2048>

Acciona Solar: <http://www.aesol.es/>

SCHOTT Solar: <http://www.renewableenergyaccess.com/rea/partner?cid=2126>

3-21-07 Ersol Contract with Wacker Chemie

Ersol Solar Energy AG signed a contract with the German company Wacker Chemie AG for additional polysilicon supplies. The contract will apply from 2009 onwards and will enable Ersol to generate an additional production output of about 300 MWp of crystalline solar cells over a period of 9 years. Press at

Solarbuzz: <http://www.solarbuzz.com/News/NewsEUOC383.htm>

Ersol: <http://www.ersol.de/>

Wacker Chemie AG: <http://www.wacker.com/>

3-21-07 TATA BP Cell Production Line, Bangalore

TATA BP Solar inaugurated a 36-MW PV cell production line, which will see TATA BP Solar more than double its cell manufacturing capacity to reach some 50 MW per year. The board of TATA BP Solar said that this expansion represents another step towards realizing the design potential of the 300-MW plant.

Story at Solarbuzz: <http://www.solarbuzz.com/News/NewsASMA89.htm>

TATA BP Solar India Limited: <http://www.tatabpsolar.com/>

Additional press:

<http://www.moneycontrol.com/india/news/pressnews/tatabpsolarsyamalgupta/bptatatocreates/market/stocks/article/272747> or <http://tinyurl.com/2t2vjh>

http://www.upi.com/Energy/bp_tata_boost_india_solar_commitment/20070321-094155-2408r/ or

<http://tinyurl.com/2nev7n>

3-21-07 Solar Integrated Technologies Contract

Solar Integrated Technologies won a contract worth \$1 million from Westfield Corporation, a shopping center developer, to install a BIPV system at Westfield MainPlace in Santa Ana, California. Press at:

http://www.sharecast.com/cgi-bin/sharecast/story.cgi?story_id=1149423 or <http://tinyurl.com/33t2vw>

<http://www.solarintegrated.com/>

3-21-07 More on StarSolar

For an article on the startup, StarSolar, which is licensing technology developed at MIT, see Technology

Review at: <http://www.technologyreview.com/Energy/18415/page1/>

StarSolar: <http://starsolar.net/default.aspx>

3-21-07 CENTROSOLAR Expansion

In parallel with its expansion in North America, German systems integrator, CENTROSOLAR AG, is establishing a presence in Southern European solar markets. Story at Solarbuzz:

<http://www.solarbuzz.com/News/NewsEUCO382.htm>

CENTROSOLAR: <http://www.centrosolar.de/>

3-21-07 Solar EnerTech Private Placement

Solar EnerTech Corp. announced the final closing of its private placement with institutional investors in the amount of \$9 million on 19 March. Press at:

<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7BD09494F0%2D667C%2D47A3%2D8F0D%2D971C96BC7494%7D&siteid=mktw&dist=nbk&symb=> or <http://tinyurl.com/2oxhaf> Solar EnerTech: <http://www.solarenertech.com/>

3-21-07 PowerLight PV System for Meyer Corp., Solano County, California

Meyer Corp. dedicated a 580-kW PV system mounted on the roof of Meyer's headquarters, which was designed, developed and deployed by PowerLight Corporation. Story at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/partner/story?id=47821> or <http://tinyurl.com/26wvl8>

PowerLight Corporation: <http://www.powerlight.com/>

3-21-07 More on HelioGrid, Hungary

Hungarian solar panel maker HelioGrid announced it will establish a 50-MW PV module facility in Nograd county. See RenewableEnergyAccess at:

<http://www.renewableenergyaccess.com/rea/news/story?id=47828>

Press: <http://www.portfolio.hu/en/cikkek.tdp?cCheck=1&k=2&i=11295>

HelioGrid: <http://www.heliogrid.com/>

3-21-07 Solar Night at National Green Building Conference

Solar Night Industries has been selected by Sage Homebuilders to design and install a 4-kW solar energy system to be featured at the National Green Building Conference in St. Louis, Missouri, 25-27 March.

The complete solar installation is being featured real time on the SNI "live Project" Blog. Press at

RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/partner/story;jsessionid=65B3BCF2633A81BA02E078C11AE732C5?id=47820> or <http://tinyurl.com/3aspoa>

NZEH: <http://solarnightenergyweb.typepad.com/nahb%5fshowcase%5fhome/> or <http://tinyurl.com/2znzqd>

National Green Building Conference: http://www.nahb.org/meeting_details.aspx?meetingID=3249

3-21-07 Building Energy Conference

For information on the Northeast Sustainable Energy Association's 32nd annual Building Energy Conference and Trade Show, 13-15 March at Boston's Seaport World Trade Center, see

RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/news/story;jsessionid=65B3BCF2633A81BA02E078C11AE732C5?id=47827> or <http://tinyurl.com/36p4s2> Building Energy 07: <http://www.buildingenergy.nesea.org/>

3-21-07 Senator Bingaman at Conergy Event

U.S. Senator Jeff Bingaman of New Mexico will provide an update on current federal initiatives to increase the nation's use of renewable energy during Conergy's National Dealer Event, April 1-3 at the Sandia Resort in Albuquerque. The event will feature core technical training sessions on renewable energy products, market information, and key business training sessions to several hundred renewable energy professionals. Information at Conergy: <http://www.conergy.us/DesktopDefault.aspx>

3-21-07 Marc Roper at DT Solar

DT Solar, a Turner Renewable Energy Company, announced it has named Marc Roper as executive vice president of sales and marketing. Roper will lead DT Solar's sales and marketing and external affairs, and spearhead the company's expansion into California's distributed solar market.

<http://www.renewableenergyaccess.com/rea/partner/story;jsessionid=65B3BCF2633A81BA02E078C11AE732C5?id=47834> or <http://tinyurl.com/35bdoc> DT Solar: <http://www.dtsolar.com/solar/>

3-21-07 Spire Corporation Appointment

Spire Corporation announced the appointment of Richard P. Thomley as Chief Accounting Officer and Corporate Controller. Press at:

<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7BB29BA09A%2DCCA6%2D4873%2D93AB%2D99C9C52E7BAF%7D&siteid=mktw&dist=nbk&sybm=> or <http://tinyurl.com/2ojm6r> Spire Corp.: <http://www.spirecorp.com/>

3-21-07 NanoBusiness Conference and Exhibition

The NanoBusiness Alliance announced that nanotechnology's positive impact on the environment will be the focus of a number of sessions at the upcoming NanoBusiness 2007 Conference and Exhibition in New York, 15-17 April 2007. Said Vincent Caprio, Vice President and Executive Director, Nanotechnology is on the frontier of global innovation in a variety of sectors, which is being reflected in our conference program with a particular emphasis in 'cleantech' – renewable energy and clean water, advanced materials, healthcare, defense, textiles, electronics and construction". Press at:

<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7BB4F49E64%2D045A%2D4C5D%2DB434%2D3078BB777DBE%7D&siteid=mktw&dist=nbk&sybm=> or <http://tinyurl.com/39wv4l> NanoBusiness 2007: <http://www.nanobusiness2007.com/>

3-21-07 EERE Network News [Kevin Eber]

For the latest issue of EERE Network News, including coverage of the recently announced DOE 2007 spend plan, see: <http://www.eere.energy.gov/news/enn.cfm>

http://www.eere.energy.gov/news/enn.cfm#id_10657

3-21-07 Solar-powered UAV Endurance Challenge

A team of students from the Technion Israel Institute of Technology is working on a new solar-powered unmanned aerial vehicle, which they hope will soon break a 17-year-old world aviation record. See RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/news/story?id=47829>

Press: <http://www.tfot.info/content/view/117/71/>

3-22-07 ACCIONA Solar Farm with 9.55 MWp Capacity

ACCIONA Solar inaugurated the Monte Alto solar farm at Milagro, the 7th developed by ACCIONA Solar in Navarre and the 9th in Spain. Story at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/news/story?id=47844>

ACCIONA Energia: <http://www.accion-energy.com/>

3-22-07 Phonix SonnenStrom Contract for Turnkey Solar Power Systems

Phonix SonnenStrom AG has signed an agreement with 60 affiliated companies of KG Allgemeine Leasing GmbH & Co. for the construction of turnkey solar power systems with a total output of 6.5 MW. The project was developed by the Phonix Group, together with a Spanish partner. Press at Solarbuzz:

<http://www.solarbuzz.com/News/NewsEUPR334.htm>

Phonix SonnenStrom: <http://www.sonnenstromag.de/>

3-22-07 More on BP Solar Cell Plants

BP Solar announced that it has begun constructing two mega cell plants, one at its European headquarters in Tres Cantos, Madrid, and the second at its joint venture facility Tata BP Solar, in Bangalore, India. Story at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/partner/story?id=47839> or <http://tinyurl.com/272wts>

Other press: http://www.oilvoice.com/BP_Solar_Announces_a_Mega_Cell_Plant_in_Madrid/9138.htm or <http://tinyurl.com/28hskp>

BP Solar in Spain: <http://www.bp.com/modularhome.do?categoryId=4310&contentId=7004525> or

<http://tinyurl.com/2hffrof>

Tata BP Solar: <http://www.tatabpsolar.com/>

3-22-07 Near Zero Energy Home Highlighted

GridPoint, Inc.(TM) announced that it is featured in the Sage Near-Zero Energy Home, a highlight of the green building tour for NAHB's National Green Building Conference 25-27 March in St. Louis, Missouri. GridPoint connect serves as an intelligent hub for the home's solar system. Story at:

<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7B45084700%2D34B4%2D4922%2D881A%2DA61C8D4B2DCD%7D&siteid=mktw&dist=nbk&symb> or <http://tinyurl.com/2x73ea>
GridPoint: <http://www.gridpoint.com/>

3-22-07 SunPower California Solar Initiative Seminars, Webinars

Based on results of its successful CSI Survivor Seminars, SunPower will now offer updated information on the CSI program in a new, more convenient Webinar format. More information at RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/partner/story?id=47851> or <http://tinyurl.com/2bvrxt>
Registration Information: <http://www.sunpowerconsultingllc.com/webinar.html>

3-22-07 SatCon Expansion into Spain, Operating Results

SatCon Technology Corporation® announced that it has entered into a Memorandum of Understanding to establish a local presence in Spain, expanding into the growing European market. Press at RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/partner/story?id=47836> or <http://tinyurl.com/ywtf8>

SatCon announced its operating results for the quarter and year ended 31 December 2006. Press at: <http://www.marketwatch.com/News/Story/Story.aspx?guid=%7B711C536E%2D6AE3%2D4A59%2DB993%2DF8464FA9DD85%7D&siteid=mktw&dist=nbk&symb> or <http://tinyurl.com/32pk8a>
SatCon Technology: <http://www.satcon.com/>

3-22-07 More on Giants' AT&T Field PV

The San Francisco Giants and Pacific Gas and Electric Company announced a joint partnership to install a PV system at AT&T Park. PG&E will install up to 590 Sharp solar panels in three areas of the Park. Story at:

<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7B4AEB8CBA%2D5FE3%2D49D4%2D8B30%2DC1DE8637D07E%7D&siteid=mktw&dist=nbk&symb> or <http://tinyurl.com/36skzp>
<http://www.prnewswire.com/cgi-bin/stories.pl?ACCT=104&STORY=/www/story/03-21-2007/0004550817&EDATE> or <http://tinyurl.com/2syy4x>
PG&E: <http://www.pge.com/environment>
letsgreenthiscity: <http://www.letsgreenthiscity.com/>

3-22-07 Polysilicon Perspective

For a polysilicon perspective at Seeking Alpha, through SolarPlaza <http://www.solarplaza.com/content/news.php>, see: <http://energy.seekingalpha.com/article/30022>

3-22-07 Gore Before Congress

During testimony yesterday, former U.S. Vice President Al Gore urged Congress to take action on climate change. Noting that government support was instrumental in assisting scientists and engineering during the early years of the computer industry, Gore urged congressional leaders to take a similar stance in the creation of a tariff to spur the development of the U.S. renewable energy market. Story at RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/news/story?id=47840>
Video: <http://www.youtube.com/watch?v=Yo7rmaixnc&mode=related&search> or <http://tinyurl.com/yo9ee6>

3-22-07 ACORE Testimony

Michael T. Eckhart, President of the American Council on Renewable Energy told the U.S. Senate Committee on Science, Technology and Innovation that U.S. companies are barely scratching the surface of the underlying economic, environmental and national security dividends that can come from tapping more of the potential for wind, solar, geothermal, biomass, tidal and other renewable sources of energy. Story at RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/partner/story?id=47822> or <http://tinyurl.com/29vc77>
ACORE: <http://www.acore.org/>

3-22-07 Alternative Energy, India

Terence J. Hart, vice chairman and technical director of IT Power India Pvt. Ltd. see states like Karnataka and West Bengal ahead in the use of alternative energy. He estimates that one could run a computer on solar energy backup – for 5 hours a day – at an installation cost of \$250. Press at:
<http://www.siliconindia.com/shownews/35372>

3-22-07 Marketing Green Power Conference

For information on the 4th Annual Marketing Green Power conference, 19-20 April 2007, see:
https://www.euci.com/conferences/0407-green-power/agenda.php?q=carol_riordan@nrel.gov&c=C41.1062108.321.3.0102 or <http://tinyurl.com/yrhix4>

In related solar news...

3-22-07 Nevada Solar One Featured

For a special feature on Nevada Solar One, see the RenewableEnergyAccess Podcast at:
<http://www.renewableenergyaccess.com/rea/news/podcast?id=47835> or <http://tinyurl.com/249tqu>

3-22-07 Apricus Solar U.S. Office

Apricus Solar, a China-based manufacturer and exporter of solar thermal collectors, heat dissipation units, solar controllers and related components, announced the opening of a U.S. head office. Press at:
<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7BDAB67DE3%2DF705%2D43B1%2D9310%2D4E13F43B4977%7D&siteid=mktw&dist=nbk&symb=> or <http://tinyurl.com/2x36cd>
Apricus Solar: <http://www.made-in-china.com/showroom/focussolar>

3-23-07 Hoku Materials Land Lease in Pocatello, Idaho

Hoku Materials, Inc. announced that it has entered into a 99-year ground lease with the City of Pocatello, Idaho, for approximately 67 acres of land. Hoku plans to construct a polysilicon production plant at this location, capable of producing up to 2,000 metric tons of polysilicon per year. More at:
<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7B21AFD5F6%2DC622%2D40A3%2DB099%2DF5DDEA15F415%7D&siteid=mktw&dist=nbk&symb=> or <http://tinyurl.com/3dzh5c>
Hoku: <http://www.shareholder.hokuscientific.com/ReleaseDetail.cfm?ReleaseID=235175> or
<http://tinyurl.com/2xfkyu> <http://www.hokuscientific.com/>

3-23-07 Trina Solar COO

Trina Solar Limited announced the appointment of Mr. Sean Tzou as Chief Operating Officer. Press at:
<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7B4B1533F4%2DDDE6%2D4FC4%2D84D5%2D3FC97B788E5D%7D&siteid=mktw&dist=nbk&symb=> or <http://tinyurl.com/2w5f95> Trina Solar:
<http://www.trinasolar.com/front/en/home.php>

3-23-07 JA Solar Cell Production Lines

JA Solar Holdings Co., Ltd announced that it will install 4 additional solar cell production lines on its existing Ningjin, Hebei site. Each will have a manufacturing capacity of 25 MW per annum. The company expects to have the 4 new lines running at full commercial production and yield targets by the end of the 3rd quarter of 2007, bringing the company's total manufacturing capacity to 175 MW per annum. Press at:
<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7B83ABFE92%2D184B%2D413B%2D80A5%2D4D265E2A0299%7D&siteid=mktw&dist=nbk&symb=> or <http://tinyurl.com/2pdwaz> JA Solar:
<http://www.jasolar.com/>

3-23-07 Perspective on California Solar Initiative

See the story, "CSI: Examining California's Ambitious Solar Program" at RenewableEnergyAccess:
<http://www.renewableenergyaccess.com/rea/news/story?id=47853>

3-23-07 SunEdison Headquarters Consolidation

SunEdison announced it has consolidated its headquarters, including executive, legislative, and research and development functions in Beltsville, Maryland from Baltimore, Maryland and California. Press at: <http://www.marketwatch.com/News/Story/Story.aspx?guid=%7B018C6F43%2D4A0B%2D43A9%2D88D0%2DB3C2BD38C9C2%7D&siteid=mktw&dist=nbk&symb=> or <http://tinyurl.com/3aur2s>
SunEdison: <http://www.sunedison.com/>

3-23-07 Suntech Analyst and Investor Day

Suntech Power Holdings Co., Ltd. announced that it will host an Analyst and Investor Day in Hong Kong on 26 March 2007. Information at: <http://www.marketwatch.com/News/Story/Story.aspx?guid=%7B1AD61F8B%2D5292%2D4CBA%2D99E4%2D3455C9CDC73D%7D&siteid=mktw&dist=nbk&symb=> or <http://tinyurl.com/39gfur>
Suntech: <http://www.suntech-power.com/>

3-23-07 More on Meyer Corporation PV System

Meyer Corporation dedicated a 580 kW PV system mounted on the roof of Meyer's headquarters in Solano County, California. The system was designed, developed and deployed by PowerLight Corporation. See the story and photo at Solarbuzz: <http://www.solarbuzz.com/News/NewsNAPR759.htm>
PowerLight: <http://www.powerlight.com/>

3-23-07 Renewables Leadership in Nevada

See the story "State lawmakers hear from solar, geothermal power companies" at the Las Vegas Sun: <http://www.lasvegassun.com/sunbin/stories/nevada/2007/mar/22/032210116.html> or <http://tinyurl.com/yselme>. According to the story, Nevada is making steady progress toward becoming a national leader in solar and geothermal energy.

3-23-07 SolarPlaza's PV Business Tour California 2007

See SolarPlaza's "From Silicon to Solar and back. Feel the Energy of the Sun in California and the Silicon Valley!", with a description of a tour program that will start 10 June and end 15 June. Information at: <http://www.solarplaza.com/content/pagina/California/44750>. See more on the PV Business Tour California 2007 at: <http://www.solarplaza.com/content/pagina/California/44801>

3-23-07 Inside Greentech Online Seminar

Information on the Inside Greentech March 27 online seminar, "Silicon PV vs. thin film vs. concentration – the future of solar" is at: <http://www.insidegreentech.com/node/525>

3-23-07 Renewable Energy in Portugal

According to this press, Portugal will invest 8.1 billion euros in the coming 6 years to develop renewable energy projects, said Antonio Castro Guerra, assistant secretary of state for Industry and Innovation. More on the story through SolarPlaza <http://www.solarplaza.com/content/news.php> at: http://english.people.com.cn/200703/23/eng20070323_360366.html

3-23-07 Silicon Report

For information on a report offered by Research and Markets titled "Silicon and Ferro Silicon – Global Strategic Business Report", see: <http://www.marketwatch.com/News/Story/Story.aspx?guid=%7B06814CDA%2D367D%2D4CFE%2DA6A3%2D3ED3ECF48F80%7D&siteid=mktw&dist=nbk&symb=> or <http://tinyurl.com/2td2wm> Research and Markets: <http://www.researchandmarkets.com/reports/c52565>